

CLAIM AMENDMENTS

Amended claims: 1-4. New claims 5-7.

1. (Currently Amended) A process ~~Process~~ for the preparation of a gas containing hydrogen and carbon monoxide containing gas from a carbonaceous feedstock, the process comprising: ~~by performing the following steps:~~

- (a) ~~partial oxidation of~~ partially oxidizing a carbonaceous feedstock in ~~[[an]] a~~ vertically oriented tubular partial oxidation reactor vessel having an upper end and a lower end, the vessel comprising a burner at its the upper end, thereby obtaining an effluent comprising a first gaseous mixture of hydrogen and carbon monoxide~~[[,]]~~;
- (b) ~~catalytic~~ catalytically steam reforming a carbonaceous feedstock by feeding a feed of steam and the carbonaceous feedstock in to a ~~Convective Steam-Reformer~~ convective steam reformer comprising a tubular reactor provided with one or more tubes containing ~~[[a]] the~~ reforming catalyst, wherein the steam to carbon molar ratio of the feed ~~to step (b)~~ is below 1, to obtain ~~as separate product~~ a steam reforming product~~[[,]]~~;
- (c) feeding the steam reformer product to the upper end of the partial oxidation reactor to obtain a mixture of the effluent of step (a) and the steam reformer product~~[[,]]~~; and
- (d) providing ~~the required~~ heat for the steam reforming reaction in step (b) by convective heat exchange between the mixture obtained in step (c) and the steam reformer reactor tubes thereby obtaining a hydrogen and carbon monoxide containing gas having a reduced temperature.

2. (Currently Amended) The process of ~~Process according to~~ claim 1, wherein the steam to carbon molar ratio of the feed to step (b) is between 0.5 and 0.9.

3. (Currently Amended) The process of ~~Process according to any one of claims 1~~ ~~[[-2]]~~, wherein the temperature of the mixture obtained in step (c) is between 800°C to 1050°C.

4. (Currently Amended) The process of ~~Process according to any one of claims 1~~ ~~[[-3]]~~, further comprising autothermally reforming ~~wherein~~ the mixture obtained in step (c) ~~is subjected to an autothermal reformer step.~~

5. (New) The process of claim 2, wherein the temperature of the mixture obtained in step (c) is between 800°C to 1050°C.
6. (New) The process of claim 2, further comprising autothermally reforming the mixture obtained in step (c).
7. (New) The process of claim 3, further comprising autothermally reforming the mixture obtained in step (c).